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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q87310

Toyoaki ISHIWATA, et al.

Appln. No.: 10/530,414

Group Art Unit: not yet assigned

Confirmation No.: Not yet assigned.

Examiner: not yet assigned

Filed: April 07, 2005

For: POLYIMIDE FILM AND PROCESS FOR ITS PRODUCTION

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003. It is noted that the documents mentioned in the International Search Report were included in the Information Disclosure Statement filed with the application on April 7, 2005, but copies are being submitted herewith for the Examiner's convenience, so they are being listed again (also, English language abstracts of the foreign language documents listed in the search report are also being submitted for the Examiner's use).

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

1. The disclosure on page 2 of the present specification and the submission of an English language abstract for JP-A-1-282219 constitutes a concise statement of relevance of JP-A-1-282219.

2. The disclosure on page 2 of the present specification and the submission of an English language abstract for JP-A-6-172529 constitutes a concise statement of relevance of JP-A-6-172529.

3. The disclosure on page 3 of the present specification and the submission of an English language abstract for JP-A-2001-302821 constitutes a concise statement of relevance of JP-A-2001-302821.

4. The disclosure on page 3 of the present specification and the submission of an English language abstract for JP-A-2002-30519 constitutes a concise statement of relevance of JP-A-2002-30519.

5. The disclosure on page 3 of the present specification, the indication in the International Search Report of the degree of relevance found by the foreign patent office and the

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submission of an English language abstract for WO 01/81456 constitutes a concise statement of relevance of WO 01/81456.

6. The disclosure on page 3 of the present specification and the submission of an English language abstract for JP-A-5-237928 constitutes a concise statement of relevance of JP-A-5-237928.

7. The disclosure on page 3 of the present specification and the submission of an English language abstract for JP-A-62-117815 constitutes a concise statement of relevance of JP-A-62-117815.

8. The disclosure on page 4 of the present specification and the submission of an English language abstract for JP-03-264333 corresponding to JP-B2-2626827 constitutes a concise statement of relevance of JP-B2-2626827.

9. The disclosure on page 2 of the present specification constitutes a concise statement of relevance of Kobunshi Ronbunshu Vol. 56, No. 5, pp. 282-290.

10. The disclosure on page 2 of the present specification constitutes a concise statement of relevance of Polymer Preprint Japan, Vol. 141, No. 9 (1992) p. 3752.

11. The submission of an English language abstract for JP-A-2001-299920 and the indication in the Written Opinion constitutes a concise statement of relevance of JP-A-2001-299920.

12. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-2002-138152 constitutes a concise statement of relevance of JP-A-2002-138152.

13. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-2001-81213 constitutes a concise statement of relevance of JP-A-2001-81213.

14. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-2000-80165 constitutes a concise statement of relevance of JP-A-2000-80165.

15. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-2003-109989 constitutes a concise statement of relevance of JP-A-2003-109989.

16. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-3-264333 constitutes a concise statement of relevance of JP-A-3-264333.

17. The indication in the International Search Report of the degree of relevance found by the foreign patent office and the submission of an English language abstract for JP-A-2000-119418 constitutes a concise statement of relevance of JP-A-2000-119418.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

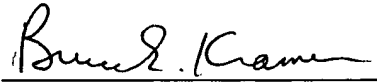
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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: July 7, 2005

Substitute for Form 1449 A & B/PTO			<b>Complete if Known</b>	
			Application Number	10/530,414
<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			Confirmation Number	Not yet assigned.
			Filing Date	April 07, 2005
			First Named Inventor	Toyoaki ISHIWATA
			Art Unit	not yet assigned
			Examiner Name	not yet assigned
Sheet	1	of	Attorney Docket Number	Q87310

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 6,350,844	B1	02-26-2002	Ono et al.
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	1-282219	A	11-14-1989	MITSUBISHI ELECTRIC CORP	ABSTRACT
		JP	6-172529	A	06-21-1994	MITSUBISHI KASEI CORP	ABSTRACT
		JP	2001-302821	A	10-31-2001	TEIJIN LTD	ABSTRACT
		JP	2002-30519	A	01-31-2002	TEIJIN LTD	ABSTRACT
		WO	01/81456	A1	11-01-2001	TEIJIN LTD	ABSTRACT
		JP	5-237928	A	09-17-1993	DUPONT TORAY CO LTD AND E I DU PONT DE NEMOURS & CO	ABSTRACT
		JP	62-117815	A	05-29-1987	E I DUPONT DE NEMOURS & COMPANY	ABSTRACT
		JP	2626827	B2	04-18-1997	UBE IND LTD	CORRESPONDING ABSTRACT
		JP	2001-299920	A	10-30-2001	SANYO ELECTRIC CO LTD	ABSTRACT
		WO	02/16475	A2	02-28-2002	E I DU PONT DE NEMOURS AND COMPANY	
		JP	2002-138152	A	05-14-2002	DUPONT TORAY CO LTD AND E I DU PONT DE NEMOURS & CO	ABSTRACT
		JP	2001-81213	A	03-27-2001	DU PONT TORAY CO LTD	ABSTRACT

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		KOHJI TASHIRO and MASAMICHI KOBAYASHI; Calculation of Limiting Young's Moduli of Rigid-Rod Polymers including Poly-p-Phenylene Benzobisthiazole (PBT); Journal of the Society of Fiber Science and Technology Japan, Vol. 43 (1987), pages 78-91	
		Kobunshi Ronbunshu, Vol. 56, No. 5, pp. 282-290 (May, 1999)	
		Polymer Preprint Japan, Vol. 141, No. 9 (1992), pages 3752-3754	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO			<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			Application Number	10/530,414
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Sheet	2	of	2	

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		Number	Kind Code <sup>2</sup> (if known)		
		US			
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	2000-80165	A	03-21-2000	DU PONT TORAY CO LTD	ABSTRACT
		JP	2003-109989	A	04-11-2003	DU PONT TORAY CO LTD	ABSTRACT
		EP	0 276 405	A2	08-03-88	KANEGAFUCHI CHEMICAL INDUSTRY CO., LTD.	
		JP	3-264333	A	11-25-1991	UBE IND LTD	ABSTRACT
		JP	2000-119418	A	04-25-2000	DUPONT TORAY CO LTD	ABSTRACT
		EP	1 236 756	A1	09-04-2002	MITSUI CHEMICALS, INC.	
		EP	0 710 690	A2	05-08-1996	SUMITOMO CHEMICAL COMPANY, LIMITED	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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